

**From:** [Miller, Garyg](#)  
**To:** [Kent D Becher](#)  
**Subject:** FW: SJ dive  
**Date:** Tuesday, October 28, 2014 2:34:00 PM

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Kent,

Here is the email I mentioned today.

Thanks,

Gary Miller  
EPA Remedial Project Manager  
214-665-8318  
[miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

-----Original Message-----

From: Miller, Garyg  
Sent: Tuesday, October 28, 2014 8:35 AM  
To: Becher, Kent  
Cc: 'Hayter, Earl J ERDC-RDE-EL-MS'; Sanchez, Carlos  
Subject: FW: SJ dive

Kent,

Please see Earl's email below - can you let me know about the measurement/detection resolution for the side scan sonar? Also, what is the availability for running the scans in the near future, and a quick response to a high flow event?

Thanks,

Gary Miller  
EPA Remedial Project Manager  
214-665-8318  
[miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

-----Original Message-----

From: Hayter, Earl J ERDC-RDE-EL-MS [<mailto:Earl.J.Hayter@erdcdren.mil>]  
Sent: Monday, October 27, 2014 1:44 PM  
To: Miller, Garyg  
Cc: Schroeder, Paul R ERDC-RDE-EL-MS; Sanchez, Carlos  
Subject: RE: SJ dive

Gary,

We have discussed the use of both ADCP measurements as well as side scan sonar and bathymetric surveys, the latter two over and in the area around the perimeter of the cap. All the above would be useful for our work. Please check with the USGS contact to find out what the measurement/detection resolution is for the side scan sonar. It would be most useful to have these surveys performed in the near future, and then immediately after any high flow event that may occur during the next several months.

Please give me a call if you want to discuss this matter.

Thanks,

Earl



9563061

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Earl J. Hayter, Ph.D.  
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Engineer Research and Development Center Environmental Laboratory Vicksburg, MS 39180

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> -----Original Message-----

> From: Miller, Garyg [<mailto:Miller.Garyg@epa.gov>]  
> Sent: Tuesday, October 21, 2014 10:52 AM  
> To: Becher, Kent  
> Cc: Hayter, Earl J ERDC-RDE-EL-MS; Schroeder, Paul R ERDC-RDE-EL-MS;  
> Sanchez, Carlos  
> Subject: RE: SJ dive

>  
> Thanks Kent; I've asked USACE for some input on what would be helpful  
> for their study so expect to get that to you soon; but for now, do you  
> have a cost estimate to do the doppler velocity & bathymetry –  
> assuming  
> 1 or 2 days in the field? Also, what are the uses for the side scan  
> sonar, and what types of water quality parameters can they do?

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>  
> Thanks,  
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>  
> Gary Miller  
>  
> EPA Remedial Project Manager  
>  
> 214-665-8318  
>  
> miller.garyg@epa.gov  
>  
>  
>

> From: Becher, Kent [<mailto:kdbecher@usgs.gov>]  
> Sent: Monday, October 20, 2014 11:46 AM  
> To: Miller, Garyg  
> Cc: Kent Becher  
> Subject: SJ dive

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>  
> Hi Gary,

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> I have talked to Houston about using some doppler at SJ to determine  
> velocities. They said they would be glad to help out. Also, I have  
> another potential suggestion for the site. We actually have a UAV in  
> Houston that can do water quality, side scanning sonar, and bathymetry.  
> I think this could be a good tool to look at changes in the cap below  
> the water level. I did chat with Val a bit last week about this site.  
> He said he was going to meet with the dive team to decide what they  
> needed from us.  
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>  
> Anyhow, we are willing to meet with you anytime to discuss in more  
> detail. There is about 7K (gross) left in the SJ account, so we are  
> fine with funding at this point.  
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> Thanks.  
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>  
> Kent Becher  
>  
> Hydrologist (QW Specialist (Studies))  
>  
> USGS Technical Liaison EPA Region 6 Superfund Division  
>  
> USGS North Texas Water Science Center  
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> 2775 Alta Mesa Blvd.  
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